

IN THE CLAIMS

1. (Currently Amended) A method comprising:
searching contents of a plurality of data storage media of a ~~personal-computing~~ client
device for pre-selected ~~sensitive~~ data; and
if upon detecting at least a portion of the pre-selected ~~sensitive~~ data ~~is detected~~, sending a
notification of detection of the pre-selected ~~sensitive~~ data to a system via a network.
2. (Currently Amended) The method of claim 1 further comprising:
if upon detecting at least a portion of the pre-selected ~~sensitive~~ data ~~is detected~~,
preventing access to the detected data.
3. (Original) The method of claim 1 wherein the content is searched periodically.
4. (Currently Amended) The method of claim 1 wherein the content is searched when the
~~personal-computing~~ client device is disconnected from the network.
5. (Currently Amended) The method of claim 4 wherein sending a notification comprises:
upon detecting the pre-selected ~~sensitive~~ data, creating a message containing the
notification of the detection of the pre-selected ~~sensitive~~ data;
placing the message in a transmission queue; and
transmitting the message to the system after the ~~personal-computing~~ client device is re-
connected to the system.

6. (Currently Amended) The method of claim 1 further comprising:
receiving instructions defining a scope of a search for the ~~personal-computing~~ client
device from the system.
7. (Currently Amended) The method of claim 1 wherein searching contents of a plurality of
data storage media within a ~~personal-computing~~ client device comprises:
receiving an abstract data structure associated with the pre-selected ~~sensitive~~ data; and
utilizing the abstract data structure when searching the contents of the plurality of data
storage media of the ~~personal-computing~~ client device for the pre-selected ~~sensitive~~ data.
8. (Currently Amended) The method of claim 1 wherein searching contents of a plurality of
data storage media of the ~~personal-computing~~ client device comprises monitoring one or more
specific data operations for presence of at least a portion of the pre-selected ~~sensitive~~ data.
9. (Currently Amended) The method of claim 8 wherein at least one of the one or more
specific data operations is selected from the group consisting of a file-read, a file-write, a file-
update, a read from a removable media device, a write to a removable media device, and access
of data stored on any of the plurality of data storage media by a program running on the ~~personal~~
~~computing~~ client device.
10. (Currently Amended) The method of claim 1 wherein the pre-selected ~~sensitive~~ data has a
tabular format.

11. (Currently Amended) The method of claim 1 wherein the pre-selected ~~sensitive~~ data is capable of being re-structured into a tabular format based on relationships among elements of the pre-selected ~~sensitive~~ data.

12. (Currently Amended) The method of claim 1 wherein the pre-selected ~~sensitive~~ data is maintained by an organization in at least one of a spreadsheet, a flat file, and a database.

13. (Currently Amended) The method of claim 12 wherein the pre-selected data is associated with an abstract data structure ~~comprises~~ comprising a tuple-storage structure derived from the pre-selected data.

14. (Original) The method of claim 13 wherein the abstract data structure comprises a plurality of tuples, each of the plurality of tuples including a row numbers of a data item in a corresponding cell of a tabular structure of the pre-selected data.

15. (Original) The method of claim 14 wherein each of the plurality of tuples additionally includes a column number and optionally a column type of the data item in the corresponding cell.

16. (Original) The method of claim 1 wherein the plurality of data storage media is selected from the group consisting of a main memory, a static memory, and a mass storage memory.

17. (Original) The method of claim 1 wherein searching contents of a plurality of data storage media comprises:

searching content of each volatile storage device within the plurality of data storage media; and

searching content of each persistent storage device within the plurality of data storage media.

18. (Currently Amended) The method of claim 17 further comprising detecting use of the pre-selected data by an application running on the ~~personal-computing~~ client device.

19. (Currently Amended) The method of claim ~~17~~ 18 further comprising:
identifying the application using the pre-selected data; and
reporting the identified application.

20. (Currently Amended) An apparatus comprising:
means for searching contents of a plurality of data storage media of a ~~personal-computing~~ client device for pre-selected ~~sensitive~~ data; and
means for sending a notification of detection of the pre-selected ~~sensitive~~ data to a system via a network ~~if~~ upon detecting at least a portion of the pre-selected ~~sensitive~~ data ~~is detected~~.

21. (Original) The apparatus of claim 20 wherein the content is searched periodically.

22. (Currently Amended) The apparatus of claim 20 wherein the content is searched when the ~~personal-computing~~ client device is disconnected from the network.

23. (Currently Amended) The apparatus of claim 20 wherein means for sending a notification comprises:

means for creating a message containing the notification of the detection of the pre-selected ~~sensitive~~ data upon detecting the pre-selected ~~sensitive~~ data;

means for placing the message in a transmission queue; and

means for transmitting the message to the system after the ~~personal computing~~ client device is re-connected to the system.

24. (Currently Amended) The apparatus of claim 20 further comprising:

means for receiving instructions defining a scope of a search for the ~~personal computing~~ client device from the system.

25. (Currently Amended) The apparatus of claim 20 wherein means for searching contents of a plurality of data storage media of the ~~personal computing~~ client device comprises means for monitoring one or more specific data operations for presence of at least a portion of the pre-selected ~~sensitive~~ data.

26. (Currently Amended) The apparatus of claim 25 wherein at least one of the one or more specific data operations is selected from the group consisting of a file-read, a file-write, a file-update, a read from a removable media device, a write to a removable media device, and access of data stored on any of the plurality of data storage media by a program running on the ~~personal computing~~ client device.

27. (Original) The apparatus of claim 20 wherein the plurality of data storage media is selected from the group consisting of a main memory, a static memory, and a mass storage memory.

28. (Original) The apparatus of claim 20 wherein means for searching contents of a plurality of data storage media comprises:

means for searching content of each volatile storage device within the plurality of data storage media; and

means for searching content of each persistent storage device within the plurality of data storage media.

29. (Currently Amended) The apparatus of claim 28 further comprising means for detecting use of the pre-selected data by an application running on the ~~personal-computing~~ client device.

30. (Currently Amended) The apparatus of claim ~~28~~ 29 further comprising:

means for identifying the application using the pre-selected data; and

means for reporting the identified application.

31. (Currently Amended) A ~~personal-computing~~ client device comprising:

a plurality of storage media storing various data; and

at least one processor coupled to the plurality of storage media, at least one processor executing a set of instructions which cause the processor to search contents of the plurality of data storage media for pre-selected ~~sensitive~~ data, and to send a notification of detection of the

pre-selected ~~sensitive~~ data to a system via a network ~~if~~ upon detecting at least a portion of the pre-selected ~~sensitive~~ data ~~is detected~~.

32. (Currently Amended) A computer readable medium that provides instructions, which when executed on a processor cause the processor to perform a method comprising:

searching contents of a plurality of data storage media of a ~~personal computing~~ client device for pre-selected ~~sensitive~~ data; and

~~if~~ upon detecting at least a portion of the pre-selected ~~sensitive~~ data ~~is detected~~, sending a notification of detection of the pre-selected ~~sensitive~~ data to a server via a network..